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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): SIMMONS, Paul et al.  
SERIAL NO.: 10/030,411  
FILED: April 11, 2002  
FOR: MESENCHYMAL PRECURSOR CELL  
GROUP ART UNIT: 1644  
EXAMINER: Belyavskiyi, Michail A.

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 223313-1450

INFORMATION DISCLOSURE STATEMENT

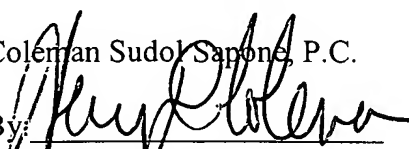
SIR:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56(a), applicant encloses herewith a copy of Form PTO-1449 listing patent and other documents relevant to the background of the invention described and claimed in the above-identified application. For the convenience of the Examiner, copies of the listed non-U.S. patent documents are enclosed.

Applicant respectfully requests that the Examiner consider the enclosed references in determining the patentability of the claimed invention. Applicant also requests that the Examiner return a copy of enclosed Form PTO-1449 with initials or other marks indicating that the references have been so considered. If any fee is due, please charge/credit deposit account no. 04-0838.

Respectfully submitted,

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### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: "Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on November 4, 2005.

*Harold Hull*

Harold Hull

**INFORMATION DISCLOSURE  
CITATION IN AN APPLICATION**

Att'y Ref: A20-033

Serial No: 10/030,411

Applicant: Simmons et al.

Filing Date: 11 April 2002

Art Unit: 1644

**United States Patent Documents**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	2004/ 0107453	06/2004	Furcht et al.			
	2002/ 0085996	07/2002	McIntosh et al.			
	6,335,195	01/2002	Rodgers et al.			
	5,980,887	11/1999	Isner et al.			
	5,922,597	07/1999	Verfaillie et al.			
	6,709,864	03/2004	Pittenger et al.			
	6,387,369	05/2002	Pittenger et al.			
	6,387,367	05/2002	Davis-Sproul et al.			
	6,322,784	11/2001	Pittenger et al.			
	6,261,549	07/2001	Fernandez et al.			
	6,022,540	02/2000	Bruder et al.			
	5,827,740	10/1998	Pittenger			
	5,811,094	09/1998	Caplan			
	5,486,359	01/1996	Caplan et al.			
	5,197,985	03/1993	Caplan et al.			
	5,226,914	07/1993	Caplan et al.			
	5,591,625	01/1997	Gerson et al.			
	5,837,539	11/1998	Caplan et al.			

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered; Include a copy of this form with next communication to the applicant.


Foreign Patent Documents							
Examiner Initial	Publication Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	WO 01011011	15.02.2001	WIPO				

Examiner Initial	Other Documents (by Title, Author Date, Pertinent Pages, Etc.)
	Alberico et al (1987) Blood;69:1120.
	Allen, T.D.: Haemopoietic microenvironment in vitro: Ultrastructural aspects. In Porter R. Whelan J (eds); "Microenvironments in haemopoietic and lymphoid differentiation." CIBA Foundation Symposium 84. London: Pitman Medical, 1981, pp 38-67.
	Allen et al (1990a) Immunol. Ser. 49:1.
	Allen et al (1990b) Marrow Biology and Stem Cells. In Colony Stimulating Factors: Molecular and Cellular Biology, edited by T.M. Dexter, J.M. Garland and N.G. Testa: New York: Marcel Decker, 1990b. pp 1-38.
	Anklesaria et al (1989) Blood. 74:1144.
	Anklesaria et al (1987) Proc. Natl. Acad. Sci. USA. 84:7681.
	Bennett et al (1991) Journal of Cell Science. 99:131.

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered; Include a copy of this form with next communication to the applicant.	

	Bentley (1982) Br J Haematol. 50:1.
	Castro-Malaspina et al (1980) Blood. 56:289.
	Castro-Malaspina et al. (1981) Blood. 57:781.
	Dexter et al. (1977) J Cell Physiol. 91:335.
	Dexter et al Kroc Foundation Series Vol 18; Alan R. Liss, Inc., New York; p. 57-96. 1984
	Fong et al (1997) BioTechniques. 23:1029.
	Friedenstein (1976) International Review of Cytology. 47:327.
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	Gronthos et al. (1994) Blood. 84:4164.
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	Lichtman (1981) Experimental Hematology. 9:391.
	Long (1992) Exp Hematol. 20:288.
	MacManus and Weiss (1984) Blood. 64:1036.
	McIntyre and Bjornson (1986) Exp Hematol. 14:833.
	Miltenyi et al. (1990) Cytometry. 11:231.
	Owen (1985) Bone and Mineral Research. 3:1.
	Owen and Friedenstein (1988) CIBA Foundation symposium. 136:42.
	Perkins and Fleischman (1990) Blood. 75:620.
	Piersma et al. (1983) Br. J. Haematol. 54:285.
	Rothstein et al. (1985) Blood. 65:744.
	Simmons and Gronthos. (1991) International Journal of Cell Cloning. 9:408 [abstract]
	Simmons et al.(1994) Advances in Bone Marrow Purging and Processing: Fourth

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